

AMENDMENT NO. 1 JUNE 2021

TO

IS 7834 (PART 1) : 1987 SPECIFICATION FOR INJECTION MOULDED PVC SOCKET FITTINGS WITH SOLVENT CEMENT JOINTS FOR WATER SUPPLIES

PART 1 GENERAL REQUIREMENTS

(First Revision)

(Page 1, clause 1) — Substitute ‘IS 4985 : 2021 ‘Unplasticized PVC pipes for water supplies — Specification (fourth revision)’ for ‘IS : 4985-1988 [Specification for unplasticized PVC pipes for potable water supplies (second revision)]’.

(Page 1, clauses 3 and 5.1) — Substitute ‘IS 4985 : 2021’ for ‘IS : 4985-1988’.

*(Page 3, clause 6, Title) — Substitute ‘**PERFORMANCE REQUIREMENTS**’ for ‘**TESTS AND PERFORMANCE REQUIREMENTS**’*

(Page 3, clause 6.1) — Substitute ‘IS 12235 (Part 6) : 2004 ‘Thermoplastics pipes and fittings — Methods of test (first revision) : Part 6 Stress relief test’ for ‘Appendix A’.

(Page 3, clause 6.2) — Substitute ‘IS 12235 (Part 3) : 2004 ‘Thermoplastics pipes and fittings — Methods of test (first revision) : Part 3 Test for opacity’ for ‘Appendix B’.

Price Group 1

Amendment No. 1 to IS 7834 (Part 1) : 1987

(Page 3, clauses 6.3 and 6.3.1) — Substitute the following for existing:

‘6.3 Effect on Water

The fittings shall not have any detrimental effect on the composition of water flowing through them. When tested by the method described in IS 12235 (Part 4) : 2004 [Thermoplastics pipes and fittings — Methods of test (*first revision*) : Part 4 Determining the detrimental effect on the composition of water]’ and IS 12235 (Part 10) : 2004 [Thermoplastics pipes and fittings — Methods of test (*first revision*) : Part 10 Determination of organotin as tin aqueous solution], the quantities of lead, dialkyl tin C4 and higher homologues (measured as tin), and any other toxic substances extracted from the internal walls of the fittings shall not exceed the concentrations as specified in 10.3 of IS 4985 : 2021 and meet the other requirements given in 10.3.1 of IS 4985 : 2021.

NOTE — Implementation of the phase out programme for use of lead stabilizers in PVC pipe and fitting manufacturing of the Government of India shall be borne in mind.’

(Page 4, clause 7.2.2.1) — Substitute ‘IS 4905 : 2015 ‘Random sampling and randomization procedures (*first revision*)’ may be followed’ for ‘IS : 4905-1968 ‘Methods for random sampling’ may be followed’.

[Page 4, clause 8.1 (b)] — Substitute ‘IS 4985 : 2021’ for ‘IS : 4985-1988’.

(Page 4, clauses 8.1.1 and 8.2) — Substitute the following for the existing:

‘8.1.1 Lot number/Batch number shall be marked on the carton/packing and shall include the details of production in the following manner:

Year	Month	Day	Machine No.	Shift
XXXX	XX	XX	XXX	X

8.1.2 PVC fittings also conforming to specific requirements as prescribed in the relevant parts of the standard may also be marked with the Standard Mark. For fittings for which specific requirements have not been laid in the various parts of this standard, Standard Mark may be based on the general requirements.’

(Page 2, clause **8.2**) — Substitute the following for existing:

‘8.2 BIS Certification Marking

The fittings conforming to the requirements of this standard may be certified as per the conformity assessment schemes under the provisions of the *Bureau of Indian Standards Act, 2016* and the Rules and Regulations framed thereunder, and the fittings may be marked with the Standard Mark.’

(Page 5, Appendix A) — Delete.

(Page 5, Appendix B) — Delete.

(Page 6, Appendix C) — Delete.

(Page 8, Explanatory Note, lines 2 and 13) — Substitute ‘IS 4985 : 2021’ for ‘IS : 4985-1988’.